

What is claimed is:

1. A composition for decreasing glutamate receptor numbers in dendrites of neurons comprising an antisense oligonucleotide, or a ribozyme linked to an antisense
5 oligonucleotide, wherein said antisense oligonucleotide is specifically targeted to a dendrite-localized mRNA that encodes for said glutamate receptor which decreases mRNA translation of said glutamate receptors in dendrites of neurons.